



State of California
California Environmental Protection Agency
California Environmental Technology Certification Program
Application
Stormwater BMP Technologies



Please do not include any confidential (proprietary/intellectual/trade secret) information with this request.

1. Contact Information

Name of the Technology: _____

Organization Name: _____

Mailing Address: _____

E-mail: _____ Web Site: _____

Business Contact: _____

Title: _____

Mailing Address: _____

Telephone: _____ Fax: _____

E-mail: _____

Technical Contact: _____

Title: _____

Mailing Address: _____

Telephone: _____ Fax: _____

E-mail: _____

2. General Technology Information

a. Check the box, which best describes the present status of your technology:

- ☐ Research (basic research and applied research)
- ☐ Development (concept development and prototype development)
- ☐ Test and evaluation (product/process development)
- ☐ Demonstration (full or field relevant scale)
- ☐ Commercial application: How many units have been sold? _____

Note: Only technologies that are in the demonstration or commercial phase are eligible for acceptance into the certification program.

b. Have you applied, received, or been denied any permits or authorizations to operate or sell this product?

☐ Yes ☐ No

If "yes," please explain. _____

3. Applicant's relationship to the technology

Describe the relationship between the applicant and the technology. Please note that applicants must check one of the following categories to be eligible for acceptance into the environmental technology certification program.

- ☐ The applicant **is** the manufacturer of the technology.
- ☐ The applicant **is not** the manufacturer of the technology for which eligibility is requested; however, the applicant has sufficient quality control over manufacture of the technology to assure that certification claims can be achieved and maintained.

4. Performance Claim

Please attach a description of each claim that you want certified for your technology. The performance claim should identify the technology's intended use and predict the technology's capabilities to remove contaminants and/or control the quantity of stormwater runoff. Performance claims should be objective, quantifiable, replicable, and defensible. Claims that are overstated should be avoided, as they may not be achievable. See "Stormwater Best Management Practice Demonstration Tier II Protocol for Interstate Reciprocity Endorsed by California, Massachusetts, New Jersey, Pennsylvania, and Virginia" for example of performance claim.

5. Specifications of the Technology

Please provide the following 14 items where applicable.

- a. A summary of the underlying scientific and engineering principles for the technology.
- b. Technology specifications, alternative technology configurations, and any associated disadvantages, such as physical constraints and limitations, weight and buoyancy, transportability, durability, energy requirements, and consumable materials.
- c. Minimum siting and design specifications to achieve performance claim including but not limited to: minimum and maximum influent concentrations; pollutants that will not be addressed or that may be increased; and siting, location, land use, and land activity limitations or restrictions.
- d. A discussion of the advantages of the technology when compared to stormwater systems being used and providing comparable stormwater control.
- e. Standard drawings, including a schematic of the technology and a process flow diagram.
- f. A discussion of technology hydraulics and system sizing to meet performance standards and goals (e.g., to handle the water quality volume, rate of runoff, type of storm, or recharge requirements).

- g. Full range of operating conditions for the technology, including minimal, maximal, and optimal conditions to achieve the performance goals and standards, and for reliability of the technology.
- h. Minimum maintenance requirements to sustain performance.
- i. Significant modifications and technical advancements in the technology design.
- j. Technology limitations, such as performance limits for control of certain water quality parameters, and predicted impacts from construction, operations, and maintenance of the technology.
- k. Identified secondary impacts.
- l. Discussion of the generation, handling, removal, and disposal of discharges, emissions, and waste byproducts in terms of mass balance, maintenance requirements, and cost.
- m. Discussion of pretreatment and preconditioning of stormwater, if appropriate to achieve performance claim of the BMP.
- n. Identification of any special licensing or hauling requirements, safety issues, and access requirements associated with operation or maintenance of the technology.

6. Data Requirements

Together with the data package, please attach a summary of the relevant technical information that supports your claims. Identify any existing test data and reports as well as identify who performed the testing. If you do not have test data, then please provide a copy of the preliminary test plan.

Note: Specific data and test requirements acceptable for certification evaluation are described in the “Stormwater Best Management Practice Demonstration Tier II Protocol for Interstate Reciprocity Endorsed by California, Massachusetts, New Jersey, Pennsylvania, and Virginia”. Deviations from the protocol are allowed only upon approval from the California Environmental Protection Agency.

7. Why do you want California Certification of your technology?

8. How did you learn about our program?

9. I AM AUTHORIZED BY THE APPLICANT TO MAKE THE STATEMENTS ON THIS FORM. I AFFIRM THE FOLLOWING:

- a. I have looked through the "Stormwater Best Management Practice Demonstration Tier II Protocol for Interstate Reciprocity Endorsed by California, Massachusetts, new Jersey, Pennsylvania, and Virginia", and agree with the testing and data requirements for the certification process;
- b. This submittal will be used to determine eligibility to enter into the program and is not a guarantee of acceptance or certification;
- c. I understand that, after reviewing this application, California Environmental Protection Agency staff will meet with me to further discuss the scope, timetable and cost of the certification evaluation. If I need to submit information that I consider confidential (proprietary/intellectual property/trade secrets), I understand that a confidentiality agreement should first be established. I understand that this is a fee-for-service program and that I will be expected to reimburse the State for all costs associated with the evaluation of my technology. An application fee, in the amount of \$250, is enclosed for cost associated with application review. The payment of the application fee is required before application review can begin.

Signature: _____

Name (please print or type): _____

Title: _____ Date: _____

Telephone: _____ E-mail: _____

Address: _____

Send Application and supporting information to your contact at:

California Environmental Protection Agency
California Environmental Technology Certification Program (CalCert)
Post Office Box 2815
Sacramento, California 95812

(916) 327-5789 phone
(916) 445-6011 fax
CalCert@calepa.ca.gov

www.calepa.ca.gov/calcert